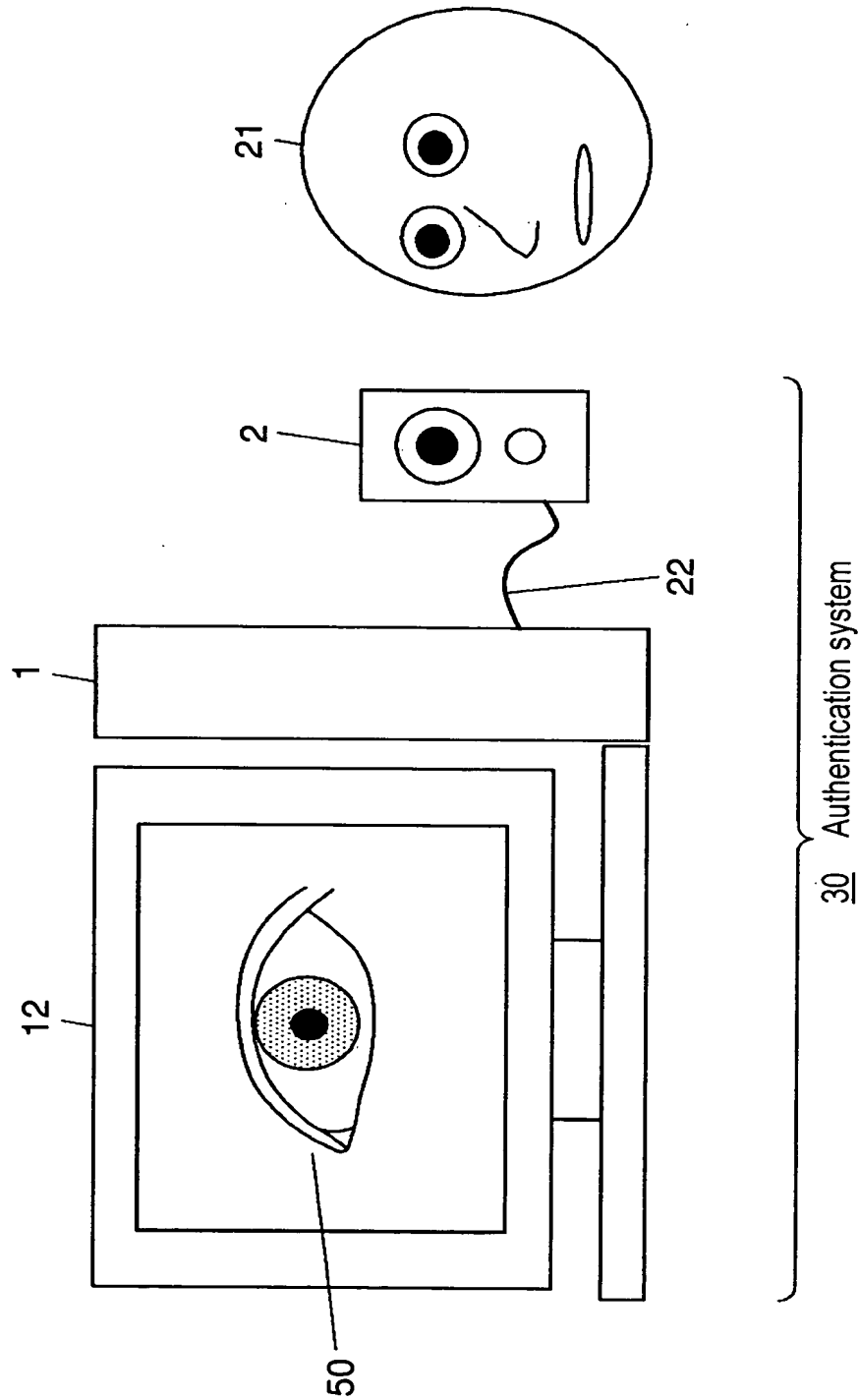


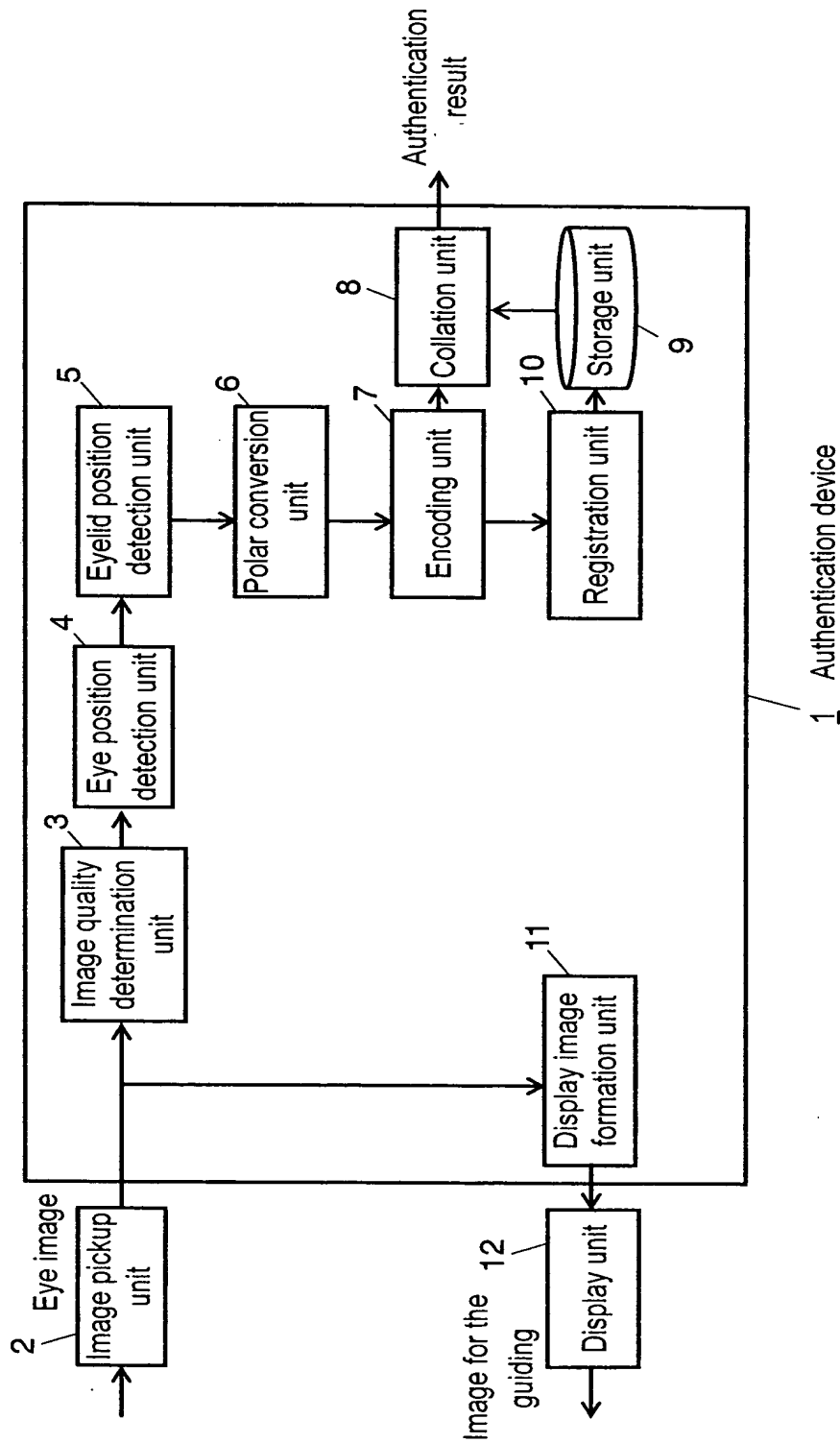
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FIG. 1



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FIG. 2



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FIG. 3

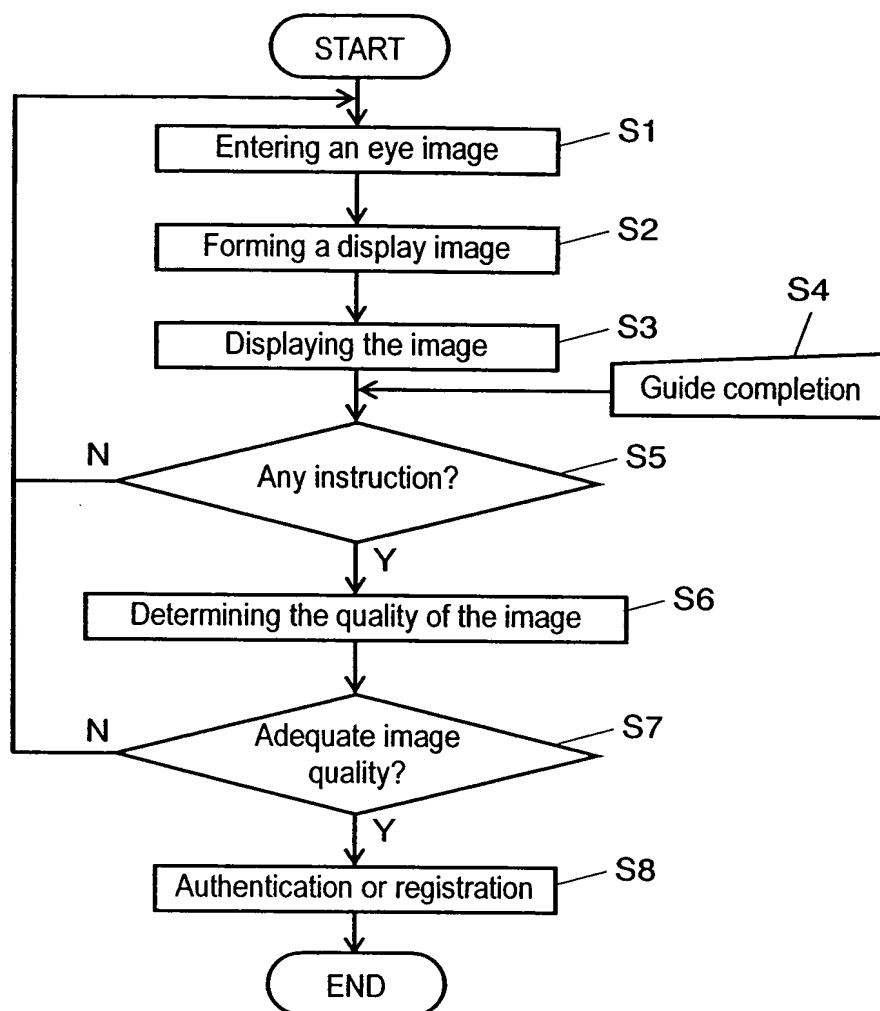


FIG. 4



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FIG. 5



FIG. 6

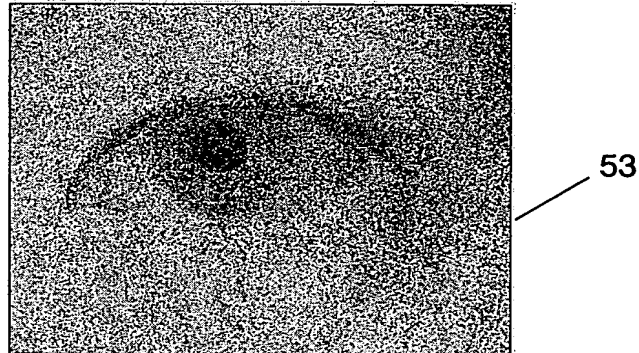
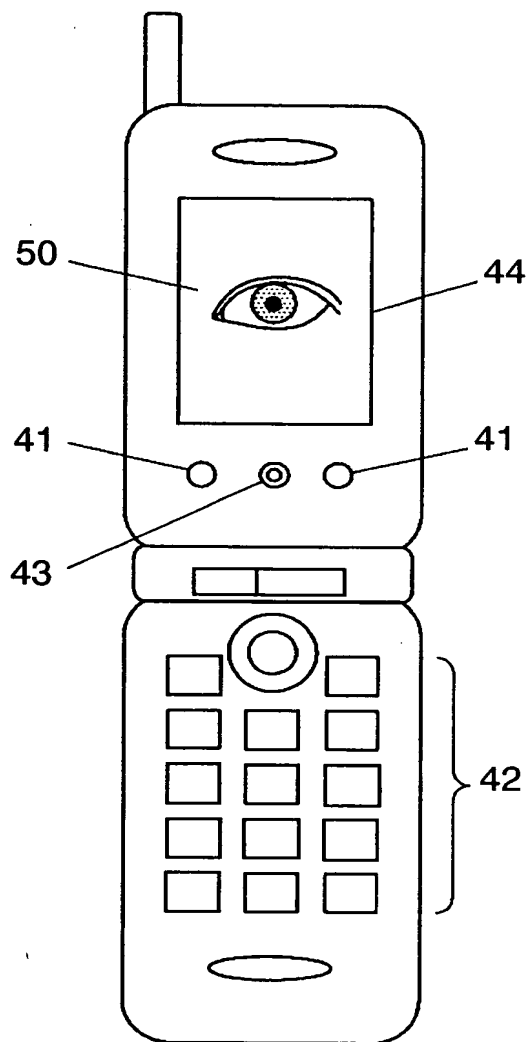


FIG. 7



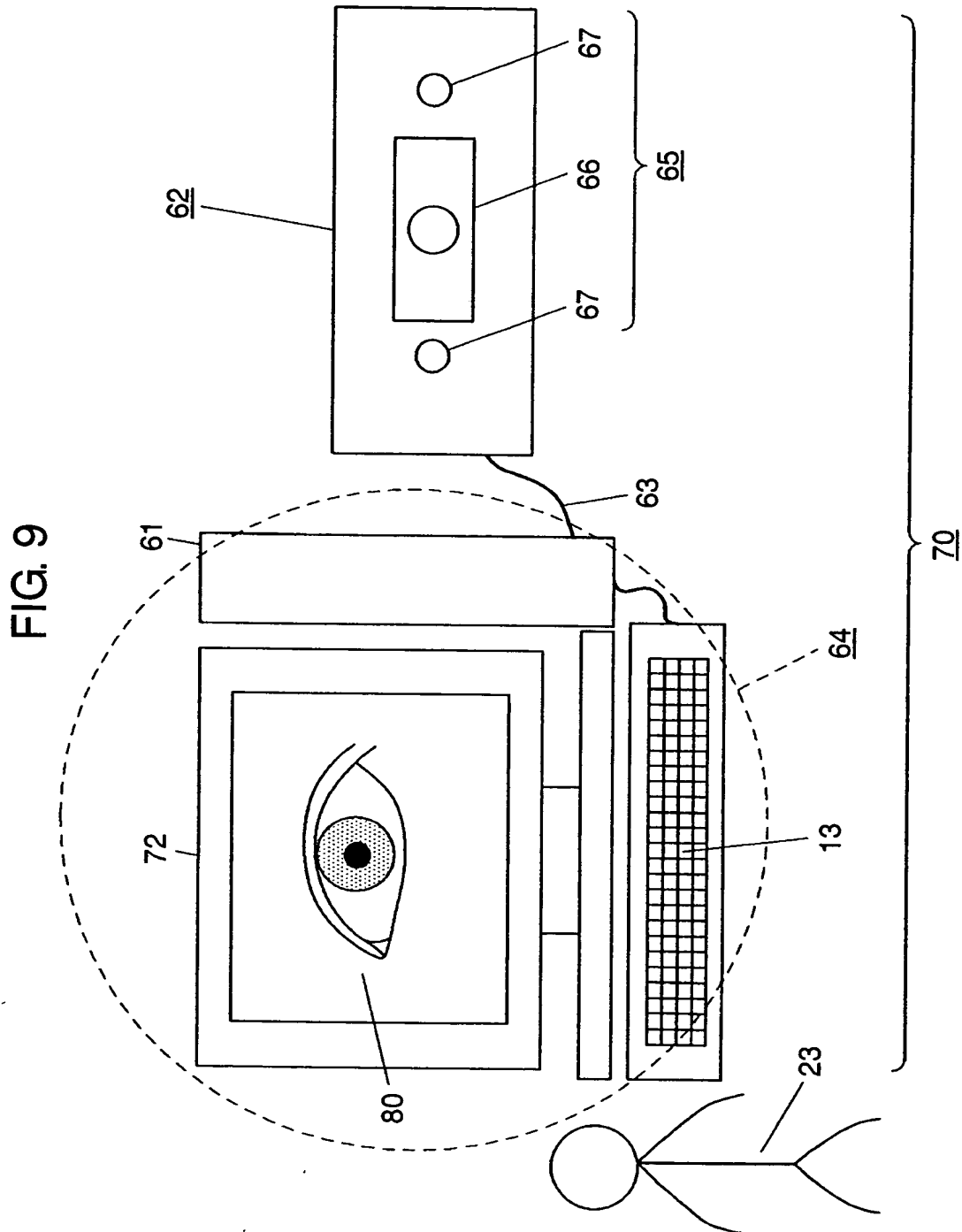
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FIG. 8



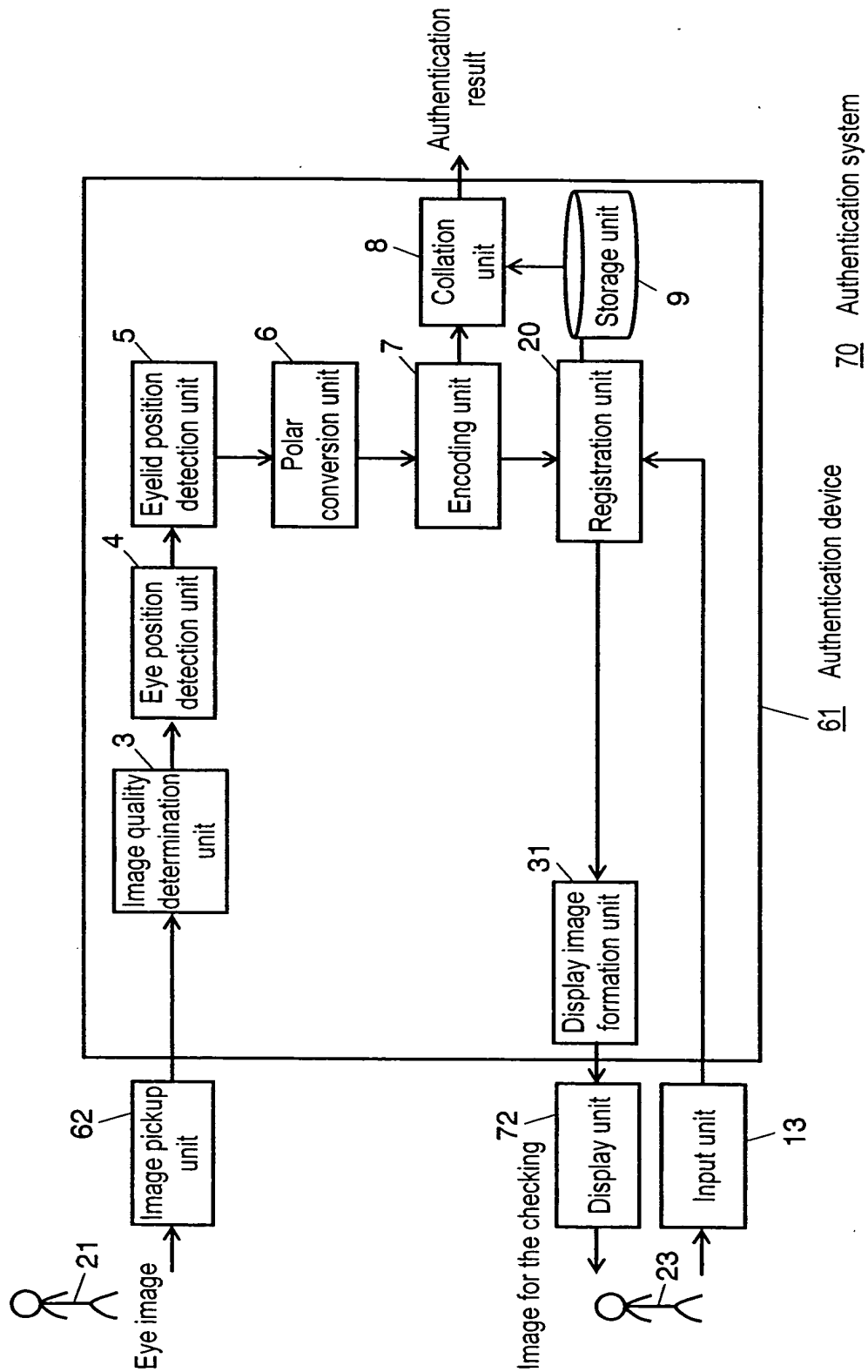
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FIG. 10



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FIG. 11

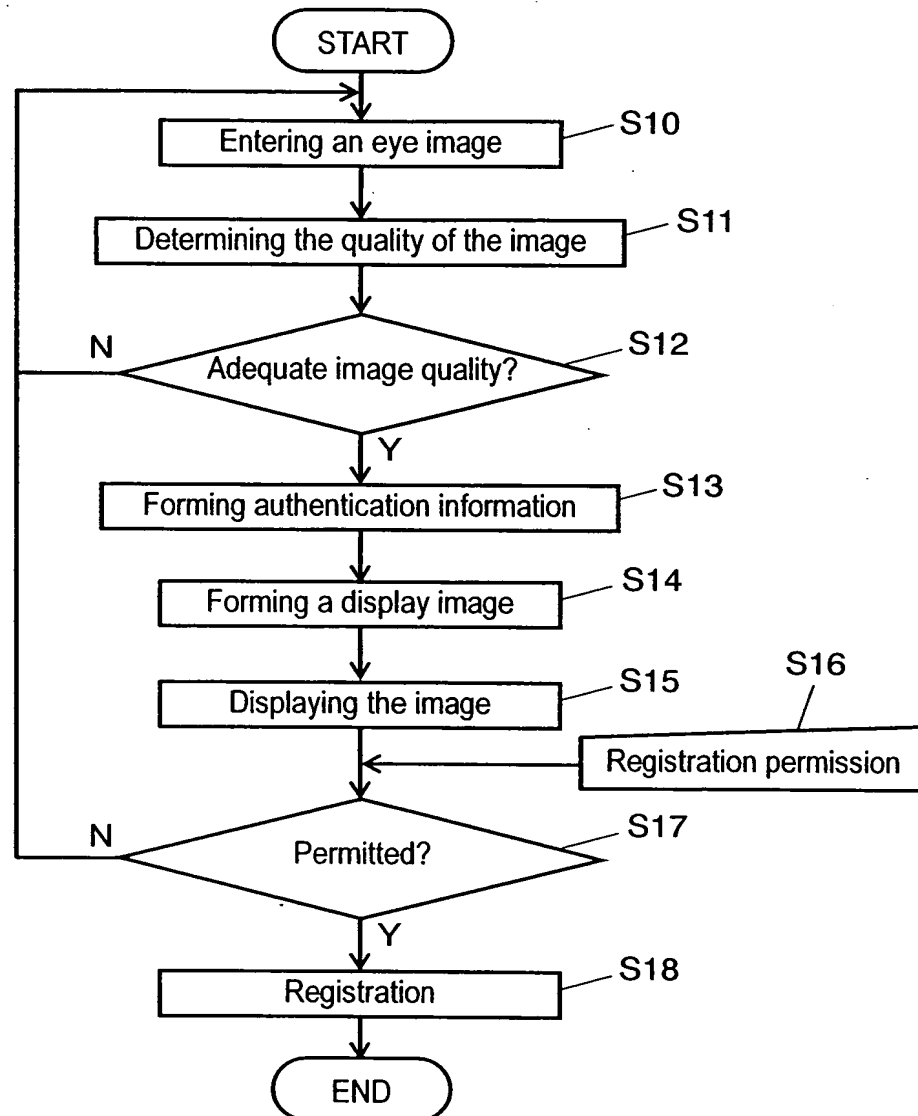
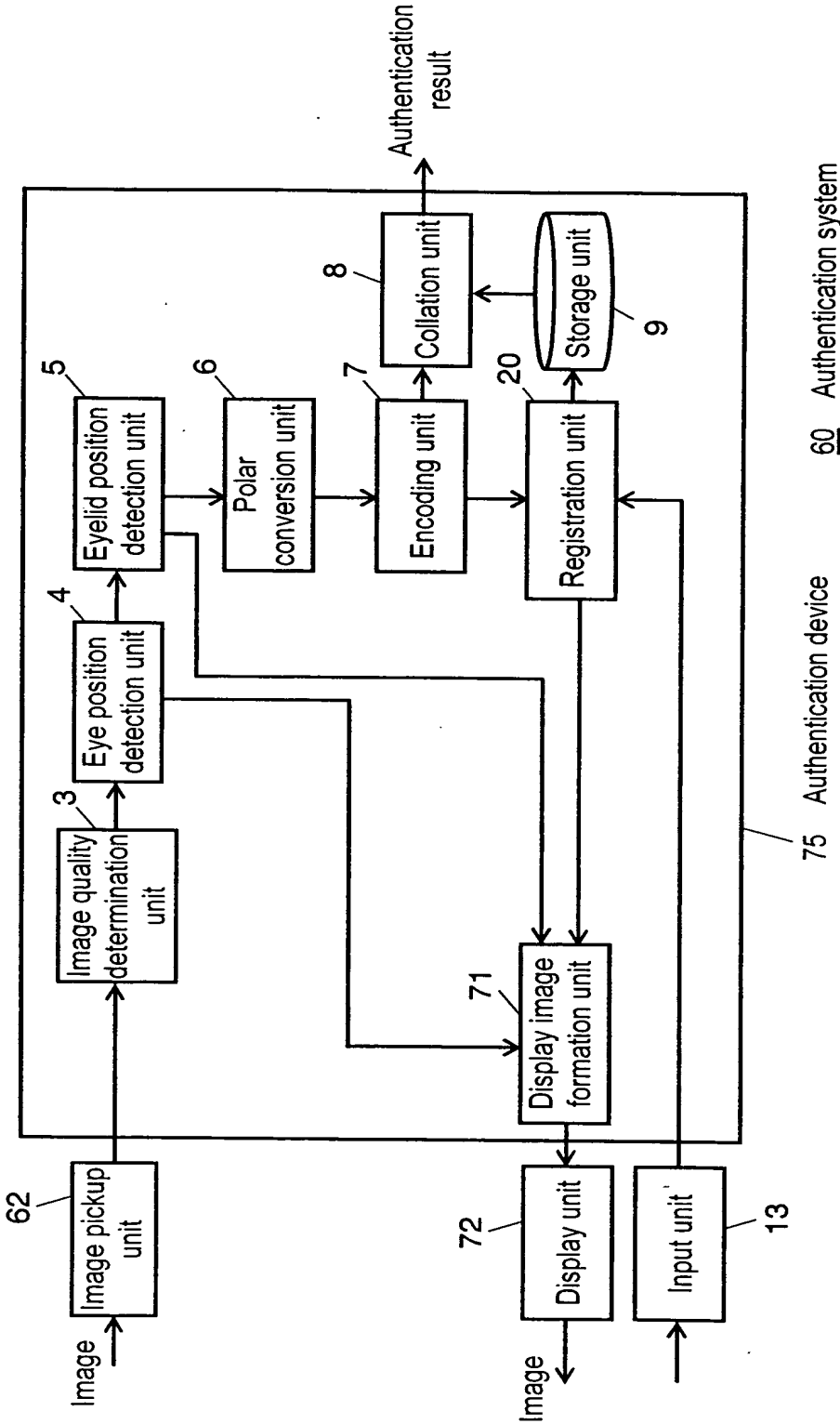




FIG. 12



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FIG. 13

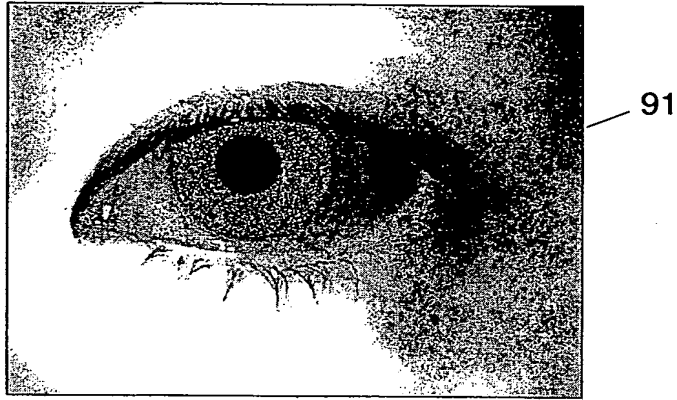


FIG. 14

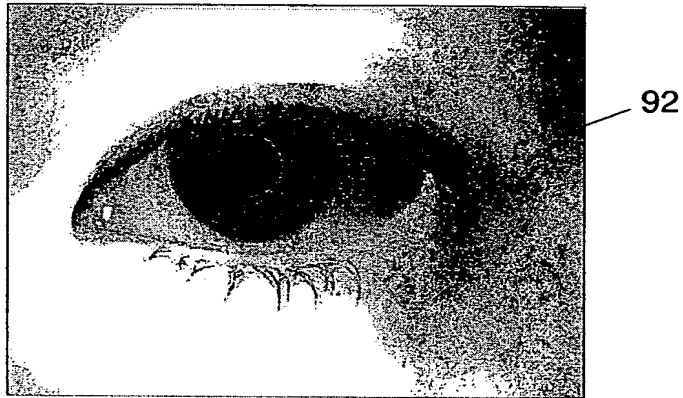
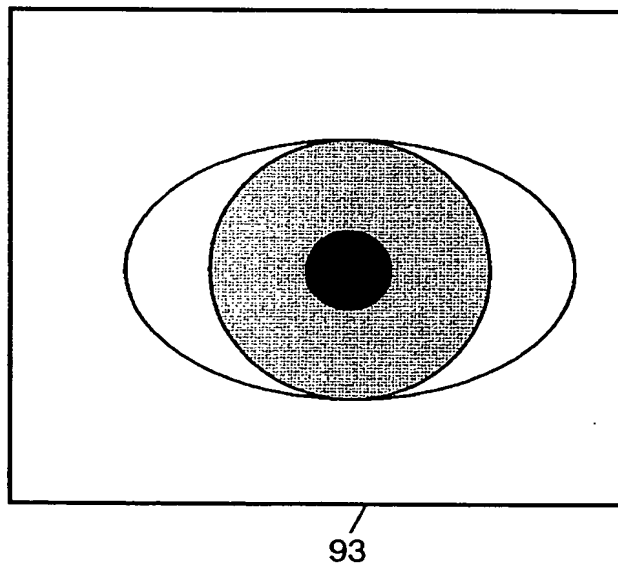
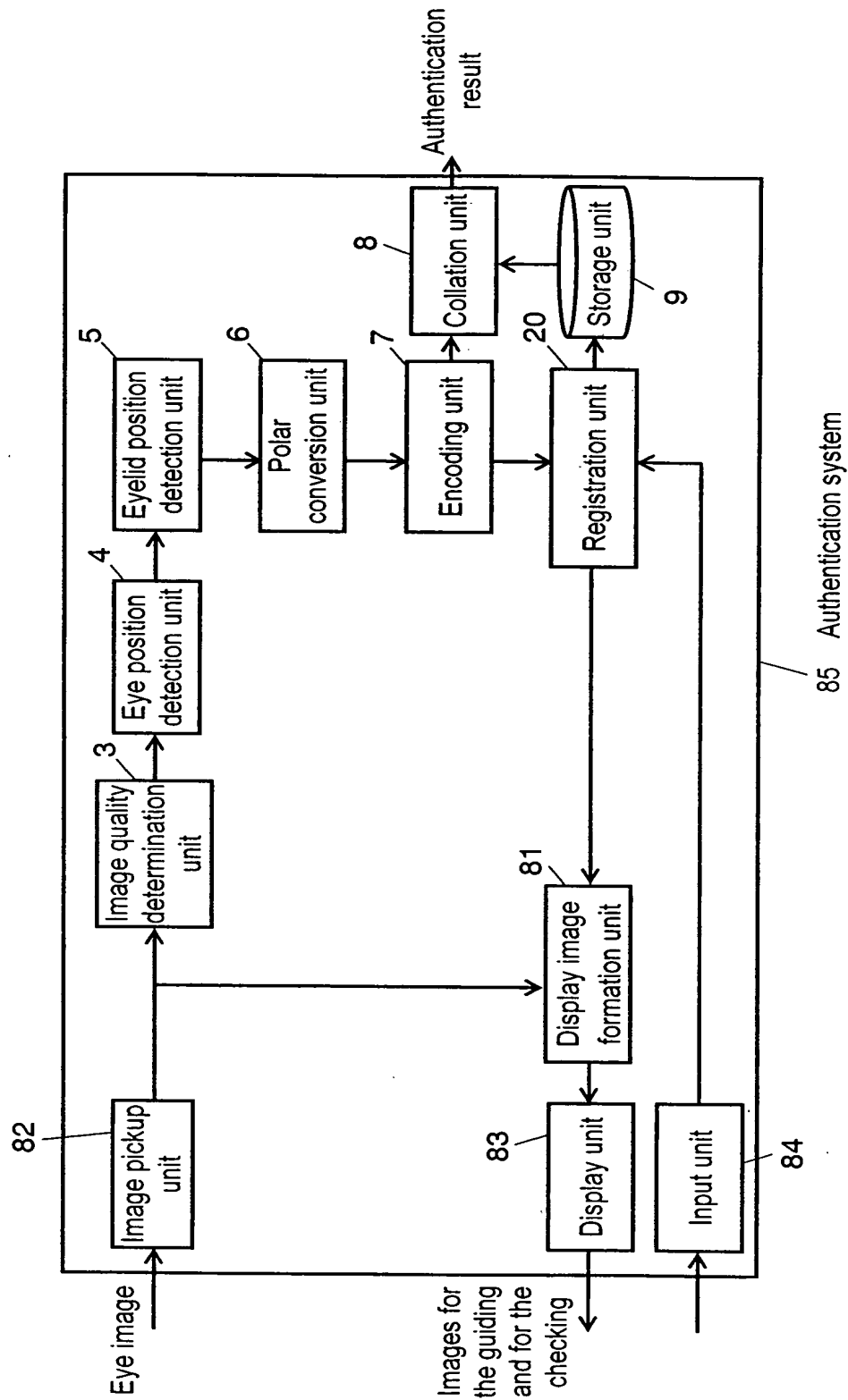


FIG. 15



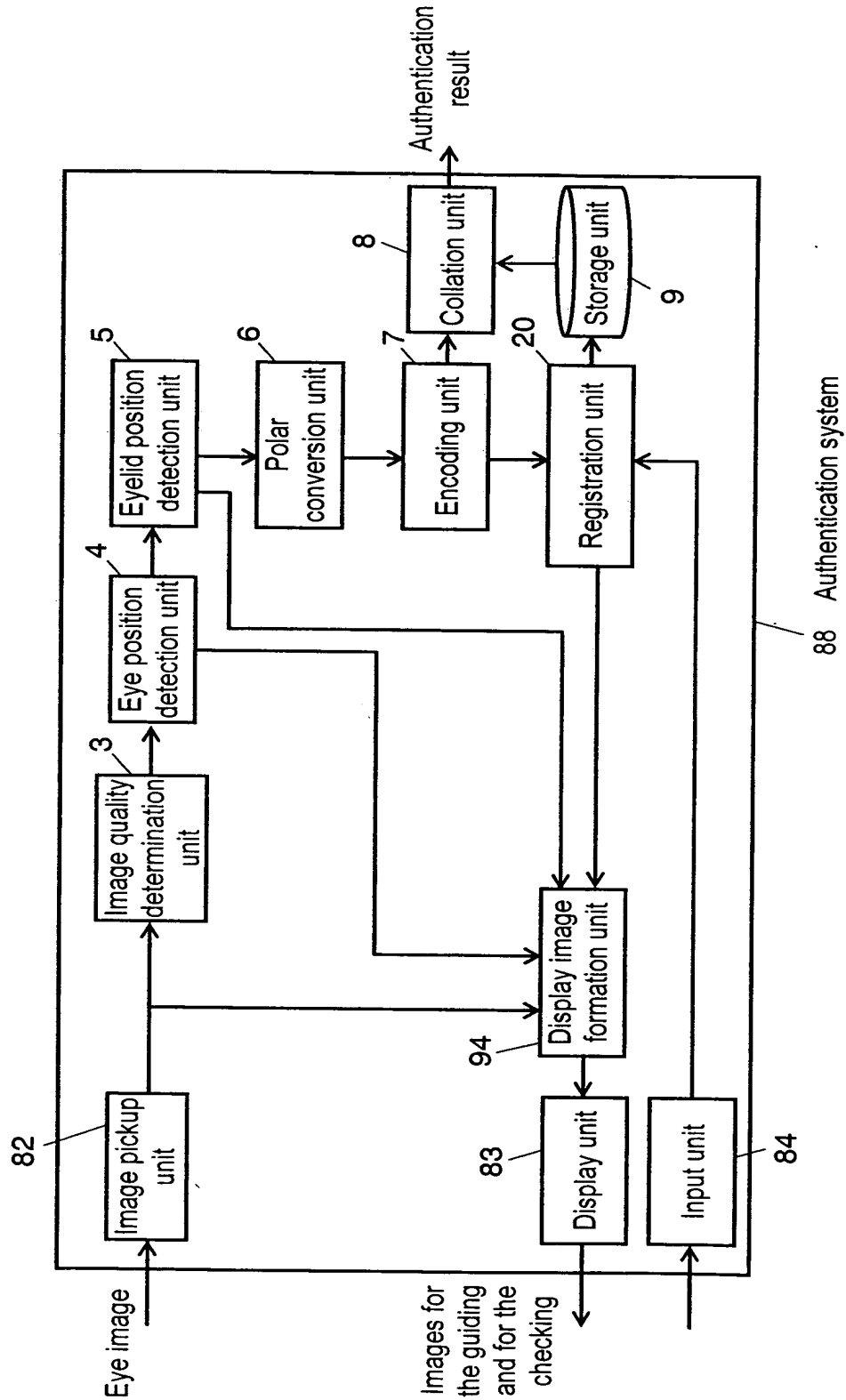
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FIG. 16



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FIG. 17



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Reference numerals in the drawings

- 1, 61, 75 Authentication device
- 2, 62, 82 Image pickup unit
- 3 Image quality determination unit
- 4 Eye position detection unit
- 5 Eyelid position detection unit
- 6 Polar conversion unit
- 7 Encoding unit
- 8 Collation unit
- 9 Storage unit
- 10, 20 Registration unit
- 11, 31, 71, 81, 94 Display image formation unit
- 12, 72, 83 Display unit
- 13, 84 Input unit
- 21 User to be authenticated
- 22, 63 Information transmitter
- 23 Administrator
- 30, 60, 70, 85, 88 Authentication system
- 40 Mobile phone device
- 41 LED
- 42 Direct key
- 43 CCD camera
- 44 Liquid crystal display
- 50-54, 80, 91-93 Display image
- 64 Registration control device
- 65 Eye position guide unit
- 66 Mirror guide unit
- 67 Movement instruction unit